

B2P3, 6441 - Harihari

Project	2018 CSI GPS
Created	2018-01-09 15:51:42 NZDT by Neville Palmer
Updated	2018-02-15 22:56:49 NZDT by Neville Palmer
Location	-43.14675763, 170.5517017
Status	 Retrieved
Geodetic Code	B2P3
Station Name	6441 - Harihari
Station Height (m)	60.0568
Station Height (ft)	197

Mark, Site & Photo Details

Mark & Protection Details

Mark Type	Iron Spike
Mark Physical State	Reliable / Found
Mark Description	This mark is used for deformation monitoring, do not alter the ground mark in any way. 12 mm brass rod in 0.28 m dia concrete pillar flange up. 1.2 m above ground level.

Plates & Plaques

ID Plaque (bronze)	ID Plaque Exists
ID Plate (aluminium)	ID Plate does Not Exist and was Not Installed
Information Plate (aluminium)	Info Plate Installed during this visit

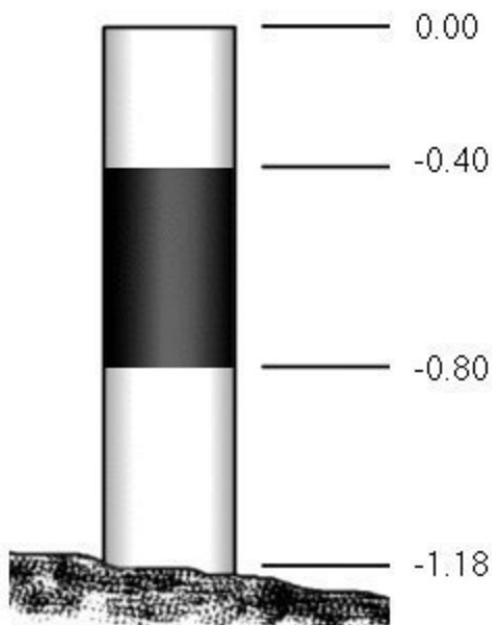
Protection

Primary Protection	No Protection
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Beacon Details

Beacon Type	Pillar
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Existing Beacon Diagram (read only).



Beacon Eccentricity

Previously Recorded Eccentricity	Central
Is Beacon Eccentric?	Central on arrival and departure from site

Height Details (all in metres)

Mark Ground Level Relationship in metres (+ve below GL / -ve above GL)	-1.2
Top of Mast or Pillar	1.2
Top of Vane or Black Strip	-0.4
Bottom of Vane or Black Strip	-0.8

Maintenance Completed and Required

Mark Maintenance Completed	No
Beacon Maintenance Completed	No
Protection Maintenance Completed	No
Mark Maintenance Required	No
Beacon Maintenance Required	Yes
Description	Pillar needs painting (black and white strips)
Protection Maintenance Required	No

Verification

Have all mark and protection fields above been updated or verified to be correct?	Yes
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Site & Access Details

Diagram

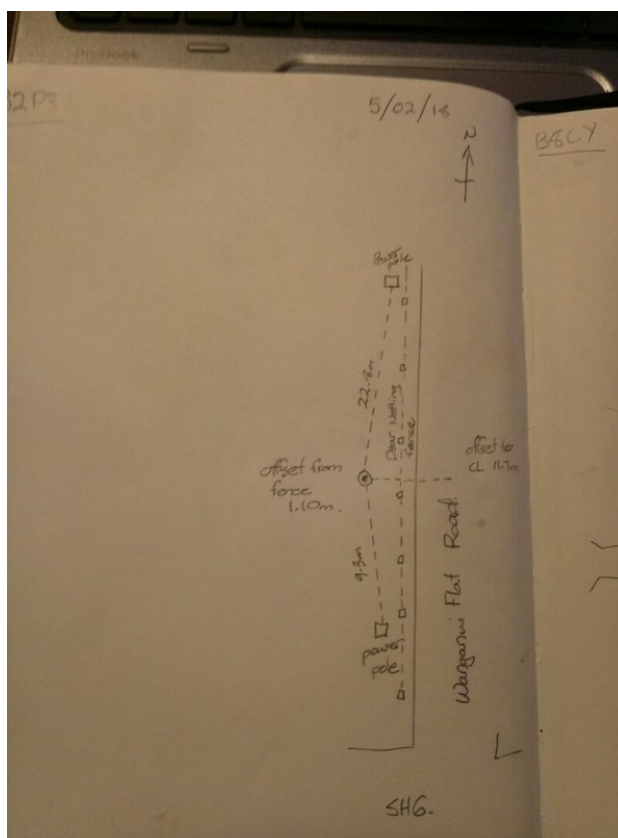
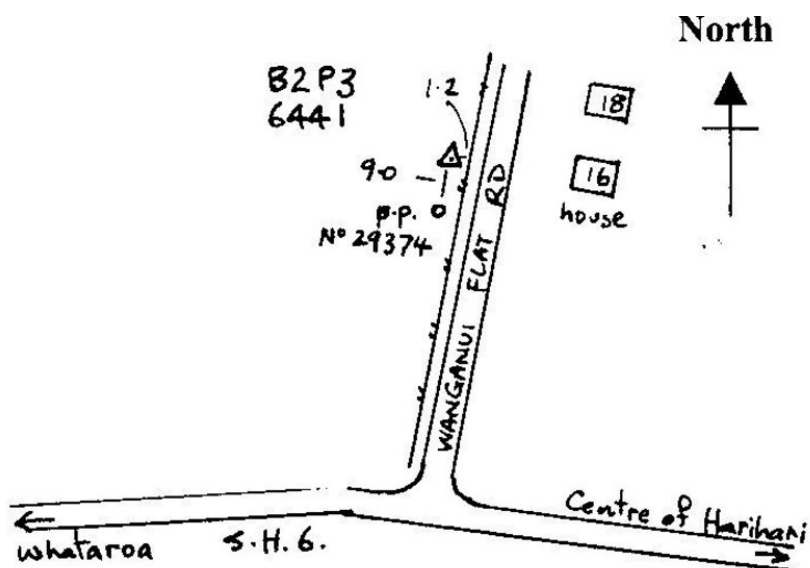


Diagram Notes	GNS FB04 (5/2/2018)
Access and Location Description	From main road through Harihari turn down Wanganui Flat Rd (towards Harihari school). The pillar is approximately 200m from turnoff, close to road on the western side. There is a deer fence between the road and pillar.
Access vehicle	2WD
GNSS Suitability	Good

Cell Phone Network Coverage

Spark	Strong signal
Vodafone	Network signal not tested
2 Degrees	Strong signal

Verification

Have all site & access fields above been updated or verified to be correct? Yes

Photographs

Existing Photo or Site Image

B2P3 – 6441

Contract Number: 2014C02



Land Information
New Zealand
Data to empower

ENSURV™
survey & engineering solutions

Photo of Survey Mark



Photo of Immediate Site



Photo of Extended Site





Verification

Is there at least one photo taken for each field above?	Yes
Have any mark, site or photo details been updated or verified?	Partial - I have made some changes and there are still some fields to complete.
Updated by:	Paul Denys

Owner & Contact Details

Owner & Contact

Contact Details from the LINZ GDB

Owner/Contact	Brian Manera
Phone	Unknown
Address	90 Main Rd Hari Hari

Contact Comments

Access permission restrictions (to report in LINZ GDB)	Contact Prior to Entry
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Owner

Is the owner known?	Yes
First Name	Grant & Beverleigh
Last Name	Muir
Address	SH 6, Harihari,

Phone	03 753 3074
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Site Contact

Is the site contact person known?	Same as owner
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Access Contact

Is the access contact person known?	Same as site contact
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Verification

Have all owner & contact fields above been updated or verified to be correct?	No
What owner or contact details are unverified or incomplete and why?	To complete
Have any owner or contact details been updated or verified?	Partial - I have made some changes and there are still some fields to complete.
Updated by:	Paul Denys

Occupations

B2P3, 2018-01-31, 17:24, OU11, 0220308738, 5700, Trimble

Geodetic Code	B2P3
Station Name	6441 - Harihari

Deployment

Observer(s)	Paul Denys, Jean-Louis Morrison
GNSS Receiver	OU11, 0220308738, 5700, Trimble
GNSS Antenna	OU11, 12467591, Zephyr Geodetic, Trimble
Antenna radome used?	NONE

Plumbing

Antenna Mount or Monument	Pillar Spider
Set-up using a rotating optical plummet?	Yes
Bubble Centred?	Yes
Cross-hair on target?	No
Magnetic bearing from mark to cross-hair.	0
Distance in mm from mark to cross-hair.	0
Explain why cross-hair is not on target.	On side of dimple
Plummet Check OK?	Yes

Antenna Alignment

Magnetic Declination (+ve east / -ve west)	24
Compass should read (magnetic bearing)	336
Aligned to True North	Yes

Antenna Height

Height Measured To	Bottom of Antenna (Vertical)
1st Height	0.125
Check Height Units	Decimal Inches

Check Height	4.91
Check Height Converted to Metres	0.1247

Start Time

Occupation Start Date (local)	2018-01-31
Occupation Start Time (local)	17:24
Occupation Start UTC	Wed, 31 Jan 2018 04:24:00 GMT
Year and DoY (UTC)	2018-031

Battery Details

Number of batteries deployed	One
ID of Battery 1	OU 17G
Capacity of Battery 1 (Ahr)	24 Amp Hour
Voltage of Battery 1	12.9

This site is being deployed with multiple batteries. Please comment with all relevant details of the batteries deployed.

Retrieval

Observer(s)	Paul Denys, Jean-Louis Morrison
Was receiver logging on arrival?	Yes

Battery Details

No batteries were recorded at deployment.

More than two batteries were recorded as deployed at this occupation. Comment below as necessary.

ID of Battery 1	OU 17G
Voltage of Battery 1 at Deployment	12.9
Voltage of Battery 1 at Retrieval	12.6

End Time

Occupation End Date (local)	2018-02-05
Occupation End Time (local)	09:57
Occupation End UTC	Sun, 04 Feb 2018 20:57:00 GMT
Year and DoY (UTC)	2018-035

Antenna Alignment

Magnetic Declination (+ve east / -ve west)	24
Compass should read (magnetic bearing)	336
Aligned to True North	No
Explain why not alligned north.	Not checked

Antenna Height

Height Measured To	Bottom of Antenna (Vertical)
1st Height	0.125
Check Height Units	Decimal Inches
Check Height	4.91
Check Height Converted to Metres	0.1247
Average Height recorded at Deployment	0.125

Plumbing

Bubble Centred?	No
Explain why bubble is not centred.	Off level by one division
Cross-hair on target?	Yes
Plummet Check OK?	Yes

HP laptop PD, 87380310.t01, 87380350.t01

Current Station	B2P3 - 6441 - Harihari
Station Occupation times (UTC)	Start: 04:24 DoY 031 UTC End: 20:57 DoY 035 UTC
ID of Download Device	HP laptop PD
Download Date	2018-02-05
Record the first and last file name of the block of files downloaded.	
Earliest File Name Downloaded	87380310.t01
Latest File Name Downloaded	87380350.t01
Total number of files downloaded.	5

Summary of Downloaded Files

Earliest Filenames Downloaded	87380310.t01
Latest Filenames Downloaded	87380350.t01
Numbers of files Downloaded	5

For each block of downloaded files there will be an earliest and latest file downloaded, plus the total number of files downloaded. Typically there will only be one download block per occupation. Occasionally a receiver will be downloaded several times during an occupation (eg during an extended semi-cGPS occupation). In this instance there will be multiple earliest, latest, and number of files downloaded. These are summarised in the comma delimited lists above.